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(71) Applicants (for all designated States except US):  
**SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL];  
Parkstraat 83-89, NL-2514 JG The Hague (NL). **PE-**  
**TROLEUM RESEARCH AND DEVELOPMENT**  
N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Cura-  
cao (AN). **SCHLUMBERGER CANADA LIMITED**  
[CA/CA]; 525 - 3rd Avenue S.W., Calgary, Alberta T2P

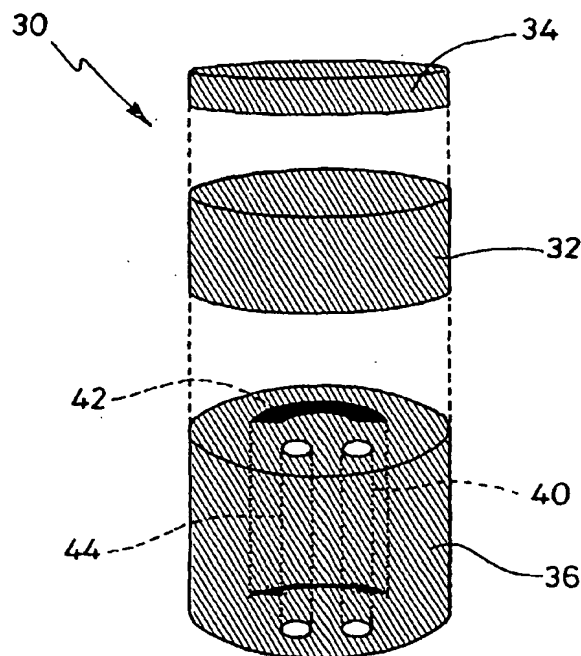
0G4 (CA). **SCHLUMBERGER HOLDINGS LIM-**  
**ITED** [—/—]; P.O. Box 71, Craigmuir Chambers, Road  
Twon, Tortola (VG). **SCHLUMBERGER OILFIELD**  
**ASSISTANCE LIMITED** [—/—]; Craigmuir Cham-  
bers, Road Town, Tortola (VG). **SCHLUMBERGER**  
**OVERSEAS S.A.** [PA/PA]; 8 Calle Aquilino de la  
Guardia, Panama City (PA). **SCHLUMBERGER SER-**  
**VICES LIMITED** [—/—]; P.O. Box 438, Tortola (VG).  
**SCHLUMBERGER SURENCO S.A.** [PA/PA]; 8 Calle  
Aquilino de la Guardia, Panama City (PA). **SERVICES**  
**PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue  
Saint Dominique, F-75007 Paris (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JIANG, LI**  
[CN/GB]; 47 Almoners Avenue, Cambridge CB1 8NZ  
(GB). **JONES, Timothy, Gareth, John** [GB/GB]; 16 Den-  
mark Road, Cottenham, Cambridgeshire CB4 8QS (GB).  
**LAWRENCE, Nathan** [GB/GB]; Greenlea, 55 Rattle  
Road, Westham, Pevensey, East Sussex BN24 5DG (GB).

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(54) Title: METHODS AND APPARATUS FOR THE MEASUREMENT OF HYDROGEN SULPHIDE AND THIOLS IN FLUIDS



(57) **Abstract:** An electrochemical sensor for measuring the amount of hydrogen sulphide or thiols in a fluid comprises an electrically conductive porous electrode within which are dispersed a precursor and a reaction solution which together with the hydrogen sulphide or thiols a redox reaction resulting in an electrical current dependent upon the amount of hydrogen sulphide or thiols in the fluid. The reaction solution may be initially provided in the pores of the porous electrode, or derived in use from the fluid itself.

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